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FIG. 1

Indy ORF

atggaaattgaaattggcgaacaacccagcctccggtgaagtgtccaacttcttcgctaaccactggaagggttggt
tgtgttcttggtgccgtgctatgtctgcctgttatgtctgctaaacgaaggcgccgaatttcggtgcatgtacctcttt
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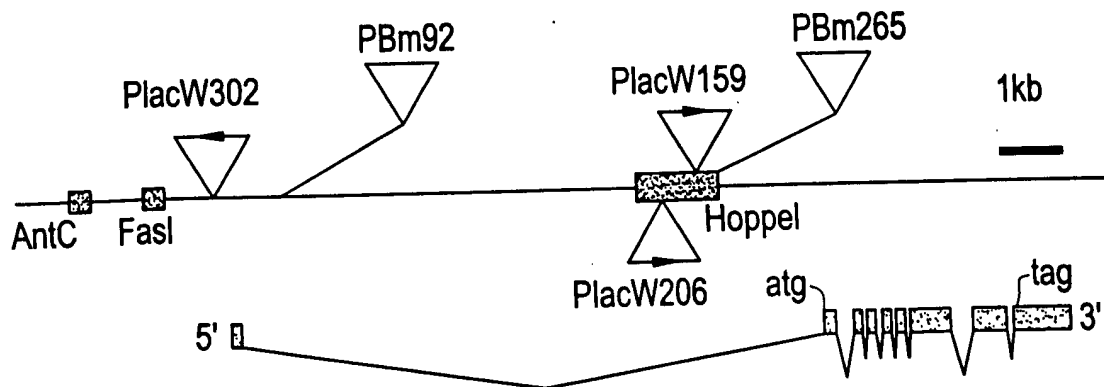
FIG. 2

MEIEIGEQQPPVKCSNFFANHWKGLVVFLVPLLCLPVMLLNEGAEFRCM
YLLLVMAIFWVTEALPLYVTSMIPIVAFPIMGIMSSDQTCRLYFKDTLVM
FMGGIMVALAVEYCNLHKRLALRVIQIVGCSPRRLHFGLIMVTMFLSMWI
SNAACTAMMCPIIQAVLEELQAQGVCKINHEPQYQIVGGNKKNNEDEPPY
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TKVPWGLVFLGGSFALAEGSKQSGMAKLIGNALIGLKVLPNVLLLVVI
LVAVFLTAFSSNVAIANIIPVLAEMSLAIEIHPLYLILPAGLACSMFAH
LPVSTPPNALVAGYANIRTKDMAIAGIGPTIITIITLTFVFCQTWGLVVYP
NLNSFPEWAQIYAAAALGNKTH



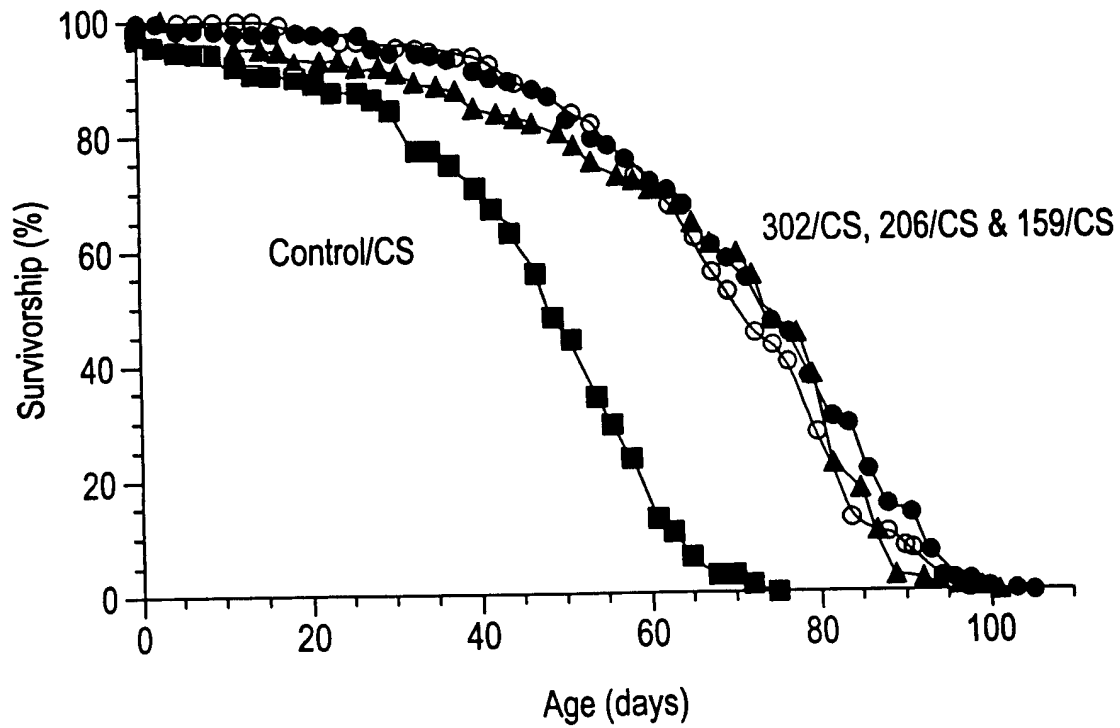
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FIG. 3



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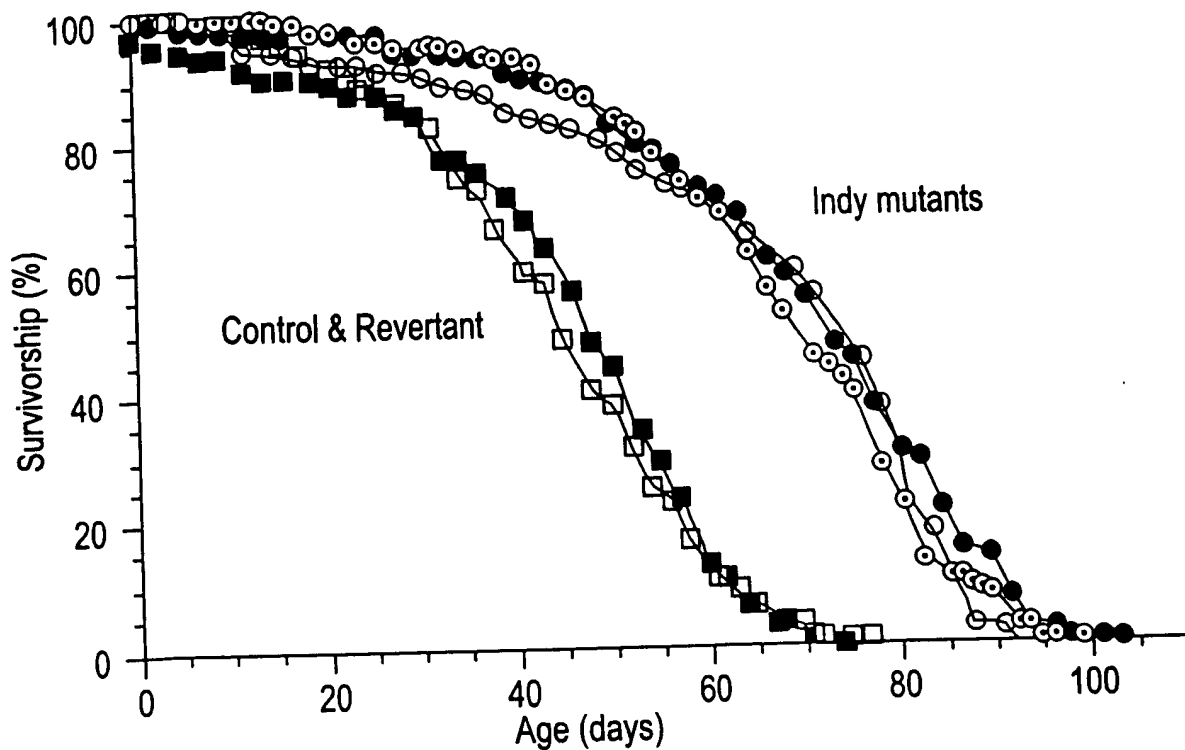
FIG. 4





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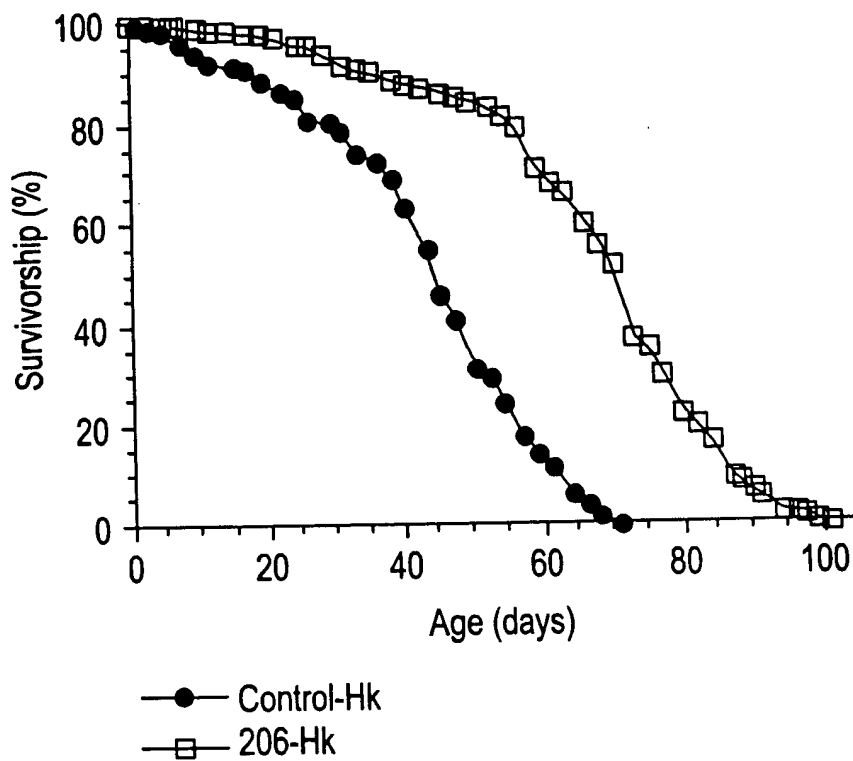
FIG. 5





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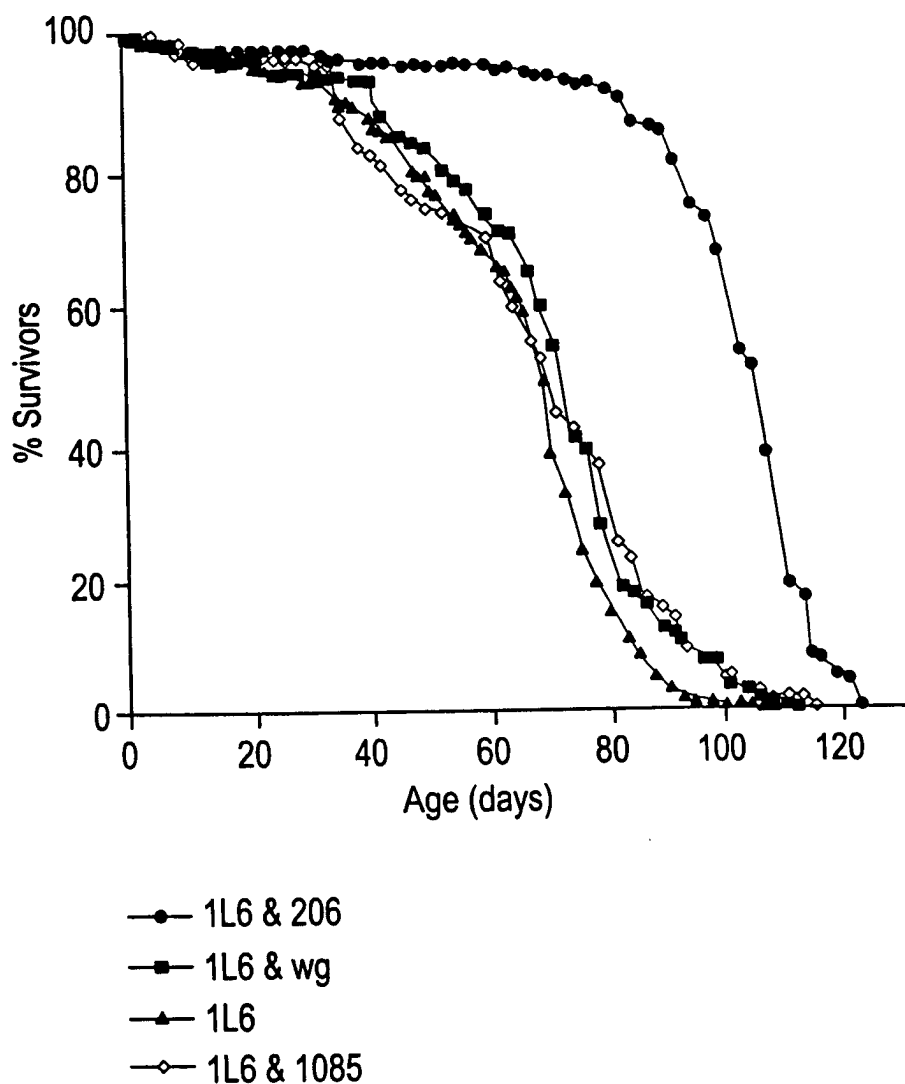
FIG. 6





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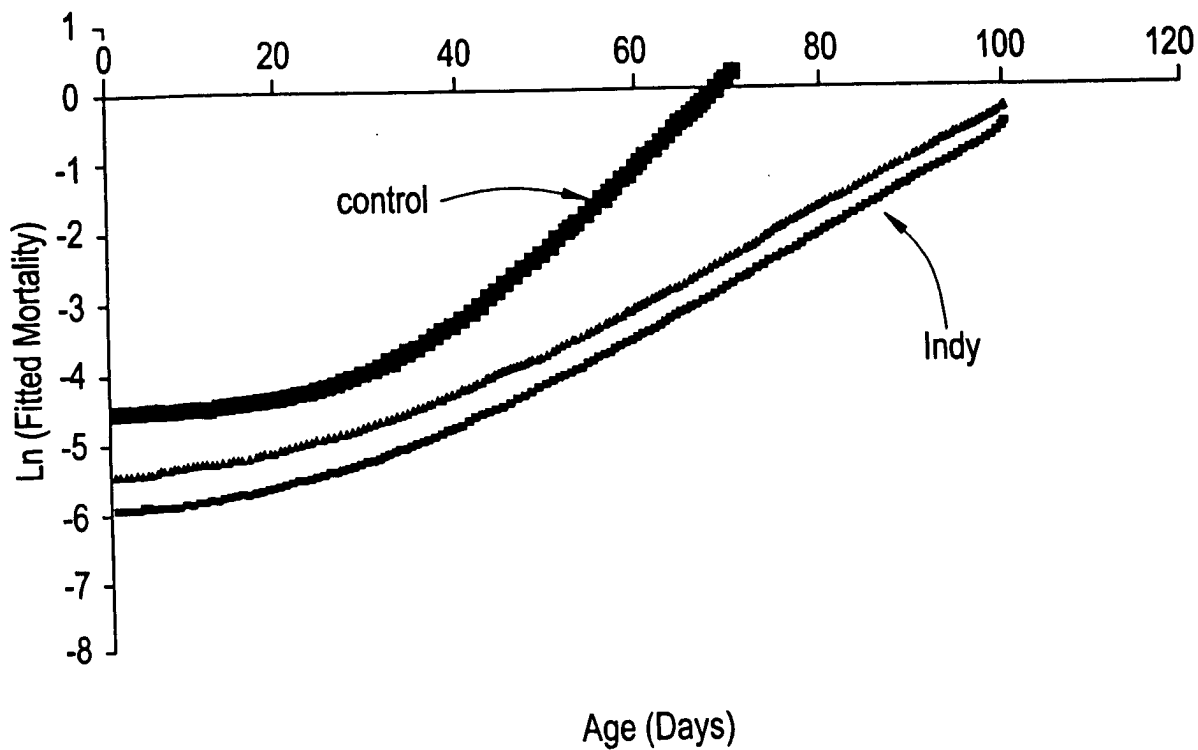
FIG. 7





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FIG. 8



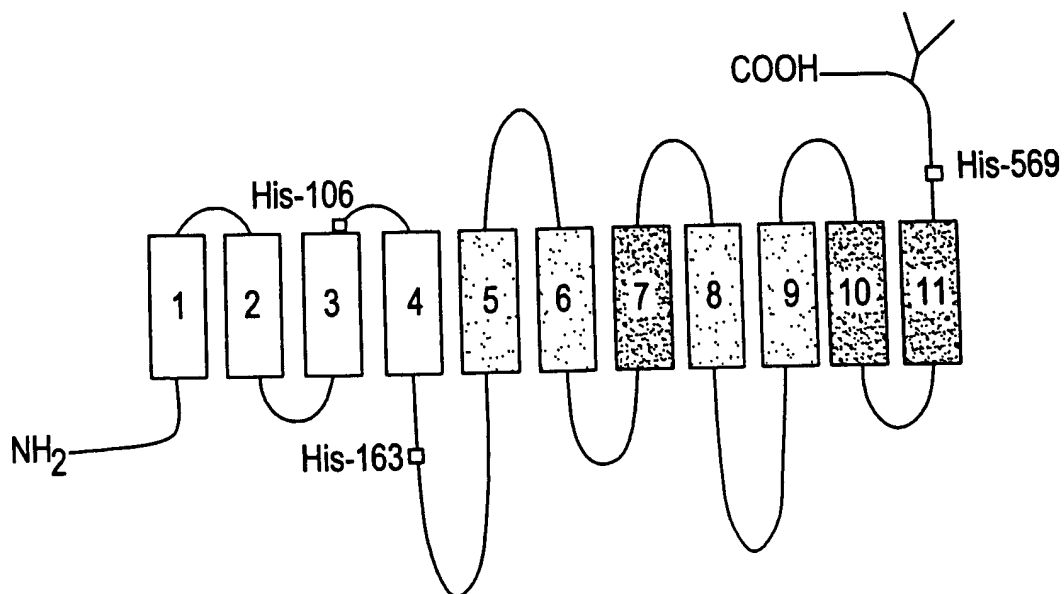
9. G. E.

INDY	SDCT2	1: MEI EI GEOQPPVI KOSNF FANHWG VVFLVPL QI PVALI NEGAFFCWM LLLWAI FVTEALP VIVISM PIVAFPI MGLVSSDOTL PRLYFKDIL VVFM:102	100	90	80	70	60	50	40	30	20	10	0
INDY-2	hNADC-1	1: MAEPGEORKEV GRCCI F HW GRASI TITPLI TITPGOTDIAEFCQ WLVIVAI LWLEITL PVIAT PPI VFOPI IGV NaSt VCKYCFYDITL WFI:102	100	90	80	70	60	50	40	30	20	10	0
INDY	SDCT1	1: RATONCALWAYRSYLV VFFVPL LLLP PLI EVPSKEA YCAVAI I MAEVEALP VIVAI PPI LFFPIVMDaSe VAVEL KUSNI I EF:91	90	80	70	60	50	40	30	20	10	0	
INDY	SDCT1	1: RATONCPALWAYRSYLV LLOPI LLLP PLI VQTKEA YCAVAI I MAEVEALP VIVAI PPI LFFPIVMDaSe VAVEL KUSNI I EF:94	94	80	70	60	50	40	30	20	10	0	
INDY	SDCT2	1: MAAL AALAKKWSAR LLLV LVPAL PLI PALPKEG EC LVI I MAEVEALP VIVAI PPI LFFPIVMDaSe VAVEL KUSNI I EF:94	94	80	70	60	50	40	30	20	10	0	
INDY	INDY-2	103: GGI MALAVEYQNHKRLA RVI QVCSBPRHFLG LMYLHLSWMI SNAAGTAMWOPH CAVALLELCAGGVCH I HEFYQIIVGNGKNKNE:195	195	180	170	160	150	140	130	120	110	0	
hNADC-1	SDCT1	103: GGI VALGIL EYNSLHTR ALRVI RIVGSPREL FVGLRSY TETGMI SNAAGTAMWOPH VKAI VMLDIN:189	189	180	170	160	150	140	130	120	110	0	
SDCT1	SDCT2	92: GGI I MAEVEHNLHTR ALRVI RIVGVRPAL LLLGFM VIAFLSWMI SNTASTAMWPI CHAVILBQSG KdVEGGNNHPTI ei Q ePQCKEVTK:188	188	180	170	160	150	140	130	120	110	0	
SDCT2	SDCT2	95: SGI ITRASAEERNLHTR ALRVI M VGVCPAR LLLGFM VIAFLSWMI SNTASTAMWPI ASATKSLFGRDTR KdL PRECEDSTAARVGNGL RTVPTEMQFLAS:200	200	180	170	160	150	140	130	120	110	0	
INDY	INDY-2	195: DEP PYPTKIL LOYMGILAYASSL GCGGIL GIATINILTFKGI YEAREKNSITBQMDPITFIMVSPSLV VTLITVVELOHFWGIL:279	279	260	250	240	230	220	210	200	190	0	
hNADC-1	SDCT1	189: GGI VALGIL EYNSLHTR ALRVI RIVGSPREL FVGLRSY TETGMI SNAAGTAMWOPH VKAI VMLDIN:189	189	180	170	160	150	140	130	120	110	0	
SDCT1	SDCT2	189: LDNGOAL PVTSSASRAHLSOKHLH LUCMSOVCYASAS GGI ATITGIPNLVLCGVNSLFPQNGRWNPAWfGf aFPI I LLLVGMWIF SFLYGGERS:303	303	290	280	270	260	250	240	230	220	210	200
SDCT1	SDCT2	189: LDNGO PV SAPSEERTKQCEHRL FSOGLSVCYASAS GGI ATITGIPNLVLCGVNSLFPQNGRWNPAWfGf aFPI I LLLVGMWIF SFLYGGERS:303	303	290	280	270	260	250	240	230	220	210	200
INDY	INDY-2	201: SEGGAHDEAPLELDDSDSEEHRRNWKGLLSIPYASAS GGI ATITGIPNLVLCGVNSLFPQNGRWNPAWfGf aFPI I LLLVGMWIF SFLYGGERS:303	303	290	280	270	260	250	240	230	220	210	200
INDY	INDY-2	280: WRP KSKIAOEVCFCGEGADVAKWIDORVKDIPKSI HEI QV LFI FVWVYETKPGI ELGVADIL NSK DURNMPTIFVVMGCEM PANVAFLRYCT:379	379	360	350	340	330	320	310	300	290	280	270
hNADC-1	SDCT1	275: IPI NSKTKGI I AEAINTNRKL MEDVI RCRHDLGPNCHIEI QTAIAFAFM V LILHAKGFGVNSDIL NRK WGSAGLSFI VTI I FALPIQITFVKYCC:374	374	360	350	340	330	320	310	300	290	280	270
SDCT1	SDCT2	294: IPI KNGF GeKMOEOOARVQITGHR LILGPMFAEKALSLFVILVI WETHERGFGFLGWNLPFRNAK GESWSDGTVALI GIMETIPSKT PGTQ:393	393	380	370	360	350	340	330	320	310	300	290
SDCT2	SDCT2	289: IPI KNGF GeGEEBHKAMFVKTQV LILGPNFAEKTIVILFVLLVI WETHERGFGFGVNDIVFANEK GOSWASDGTVALI SI VMI IPSKI PGLMQ:388	388	370	360	350	340	330	320	310	300	290	280
INDY	INDY-2	304: MEGWRPKNS KLQDVaECKAKA VIOE EILGPT KFAEOAVILFOLFALILFSDPKFIPGASIL FA PGVSDaVTGVAI VTI LLEFFFSqKPSLkWWF:401	401	390	380	370	360	350	340	330	320	310	300
INDY	INDY-2	380: RRCBPVPTGTPSLI LKFI QTKVPVGL VELLGEGFALAECSKSGWAKLIGVALI CHIVPNSVLLLVIAVAVILIAESSNVAI ANI I PIVAEMLAIEI HPL:485	485	470	460	450	440	430	420	410	400	390	380
hNADC-1	SDCT1	375: GGI GFHTAQAL DAI SWEVLNRIPVGLI FLLGGGFALAVASREIGI NIMSKATOMVI GLPVWOSHI VAI ANFSAEAINANWVAI VI PLOEMLAIEI HPL:479	479	460	450	440	430	420	410	400	390	380	370
SDCT1	SDCT2	394: DPEKPGKLKAPLGI DAKLVNOKTQVNI VLLGGGVALAKGSESG SEW GKNLTPLGSPVAPAI AIISI VATEUEC SINAVATTI FIPILASMAOAI CHPL:494	494	480	470	460	450	440	430	420	410	400	390
SDCT2	SDCT2	389: DPKPKGKLKAPPAI I LKIVINDKQVNI VLLGGGVALAKGSESG SEW GCKTPLCHIPPSATAVI QI I AIFUEC SINAVATTI FIPILASMAOAI CHPL:494	494	480	470	460	450	440	430	420	410	400	390
INDY	INDY-2	402: DFKAIPNSETER I SMLKAGEITVPANI I LGGGFATANKGCEESG SAW GCGHPEHVPPLI AVI I TVYI AFFITEBASNIAITI I FIPVLAIEI AI HILVHPL:505	505	490	480								



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FIG. 10





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FIG. 11B



FIG. 11D

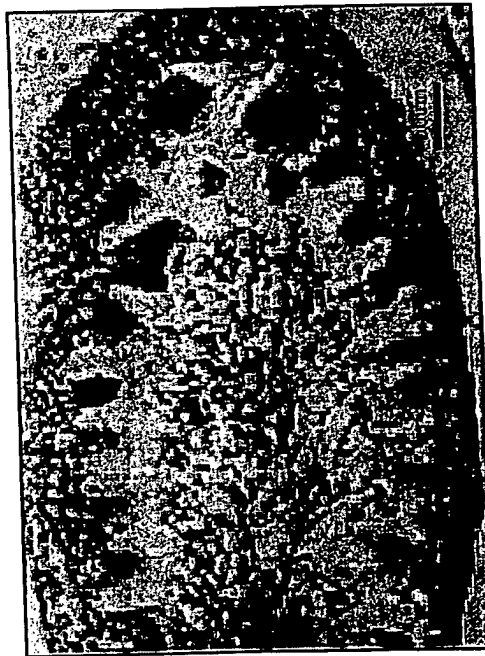


FIG. 11A



FIG. 11C





FIG. 12B



FIG. 12D

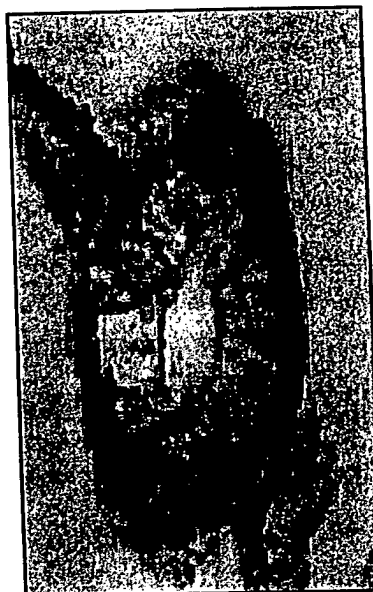


FIG. 12A

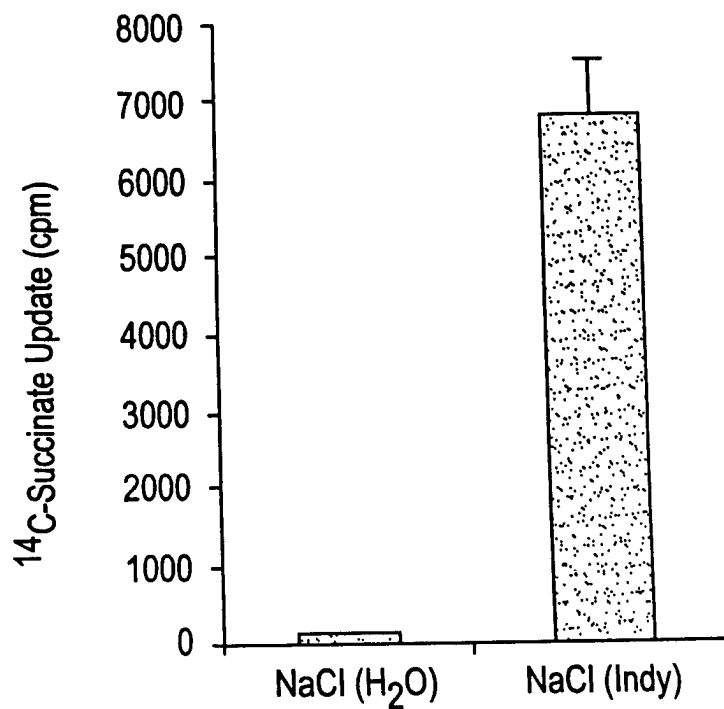


FIG. 12C





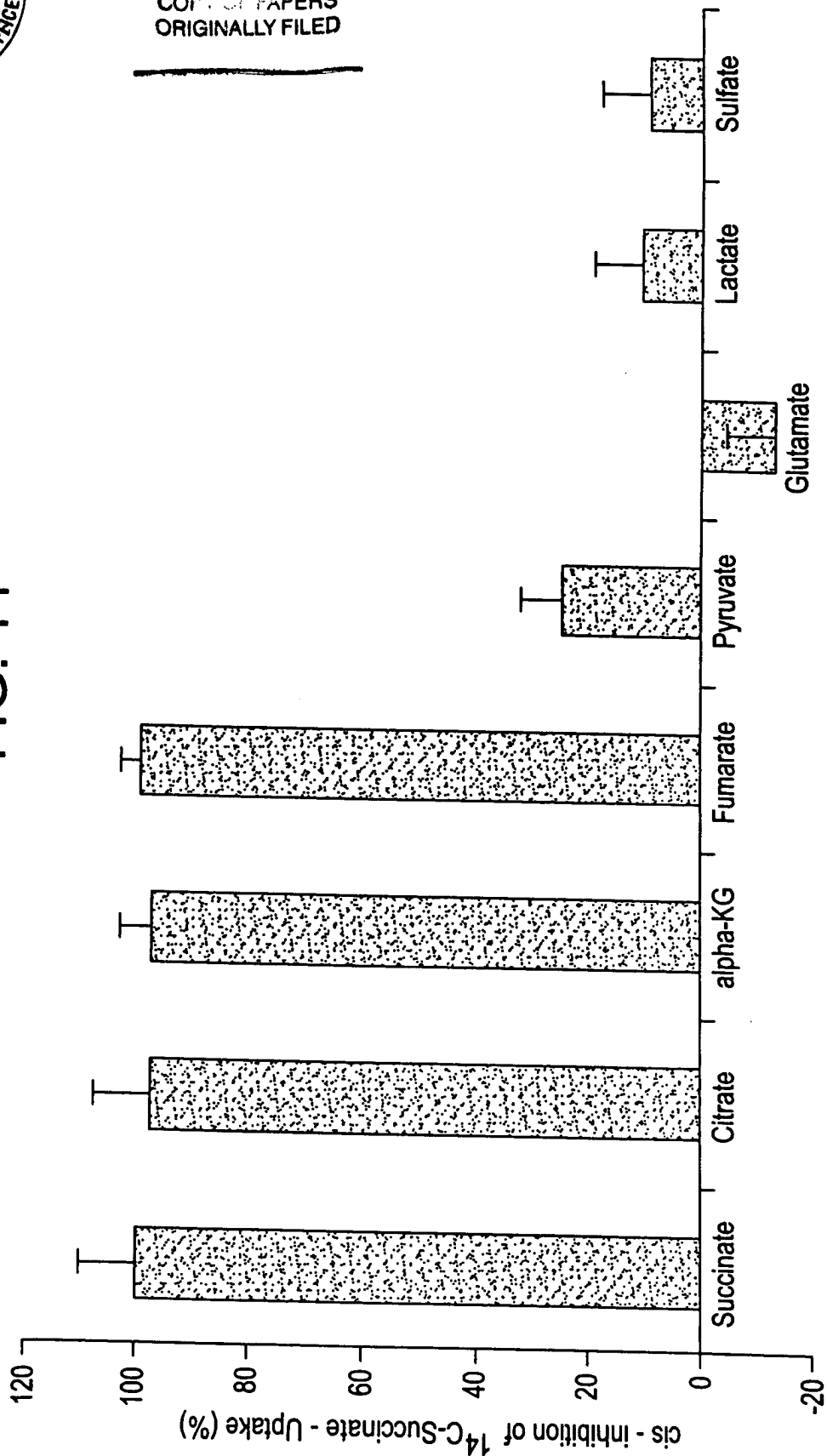
FIG. 13





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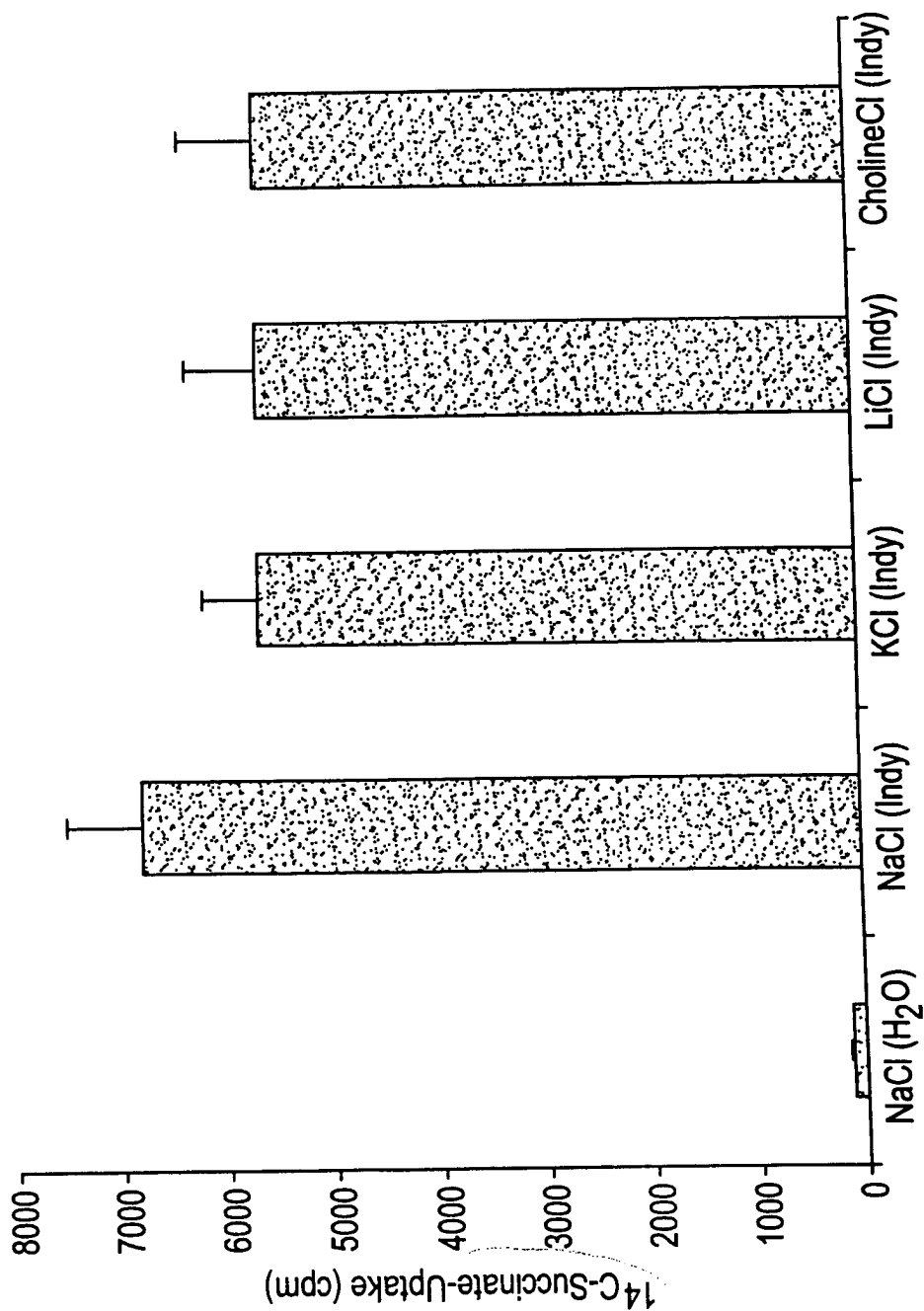
FIG. 14





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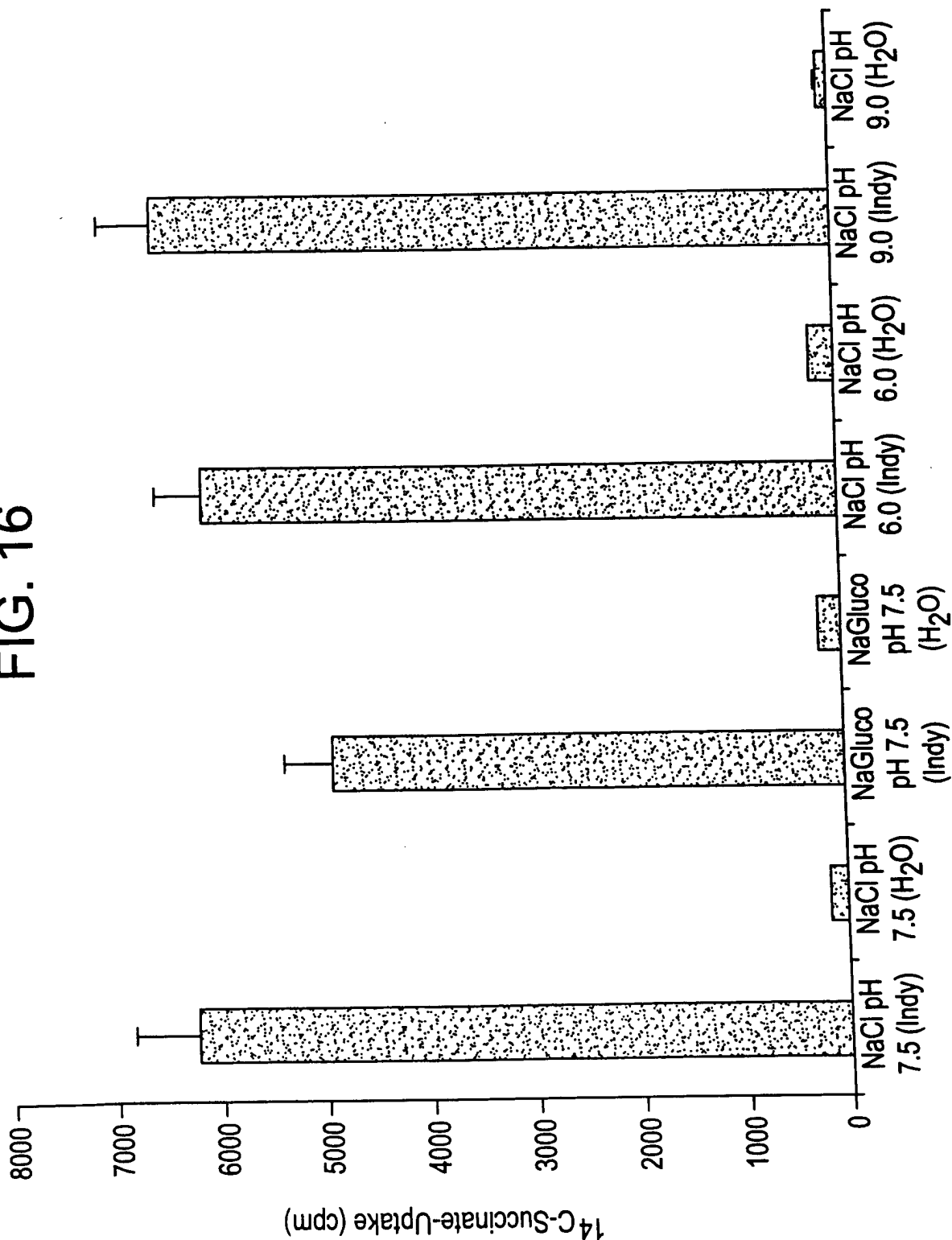
FIG. 15





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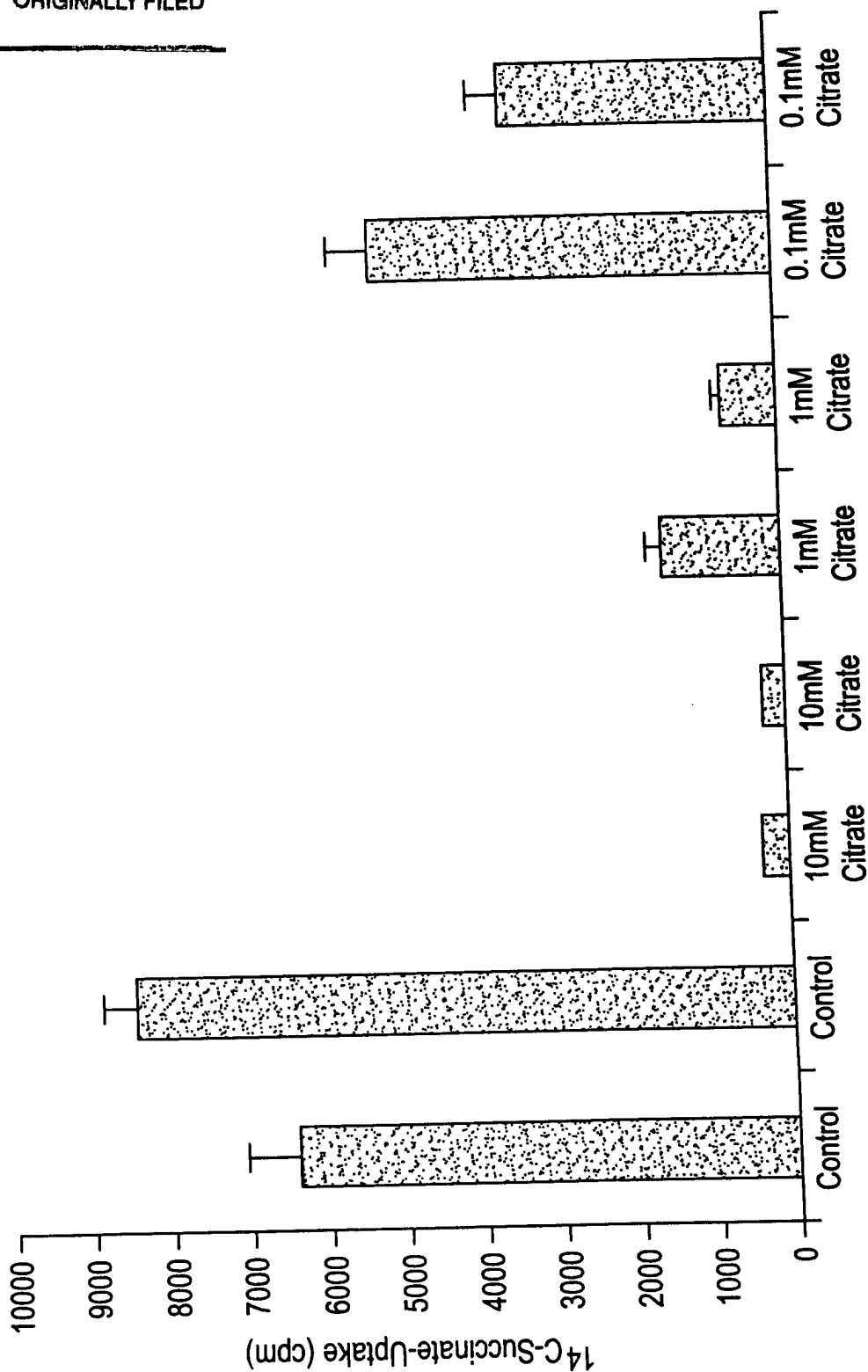
FIG. 16





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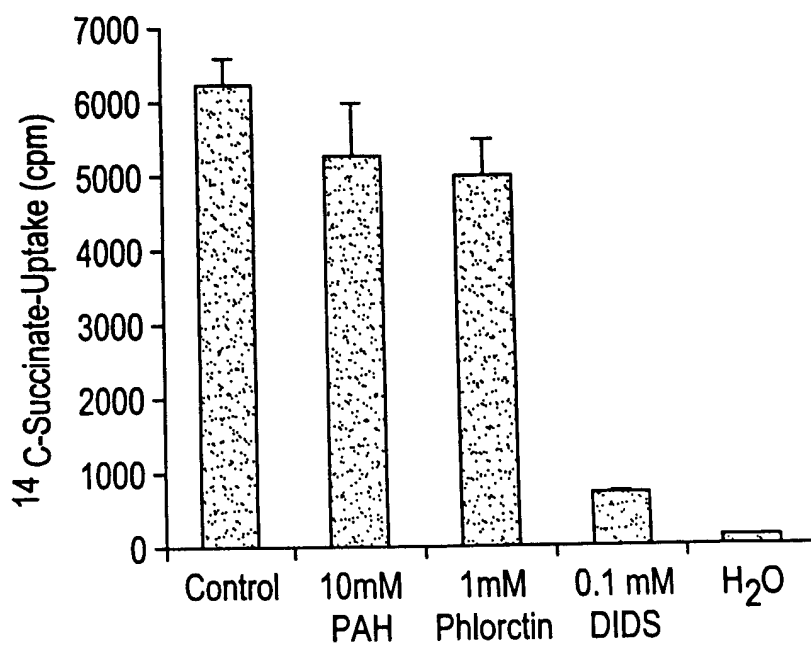
FIG. 17





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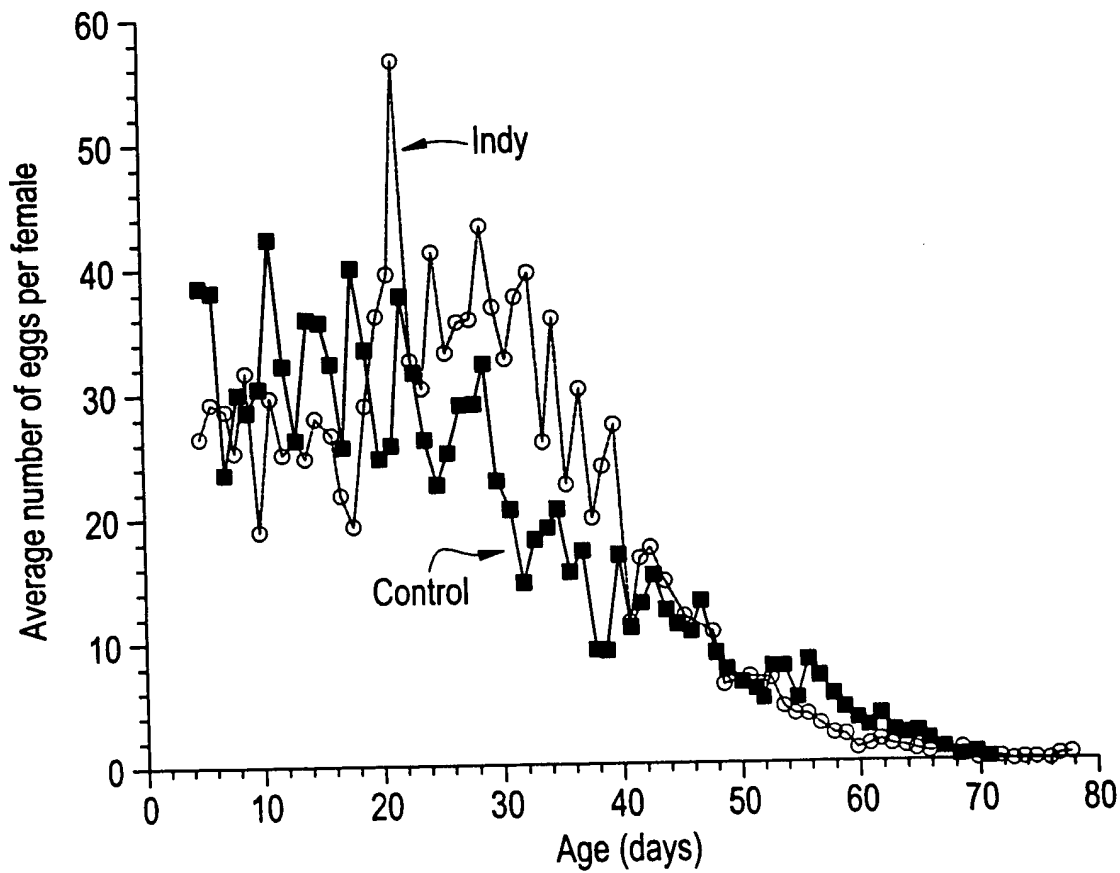
FIG. 18





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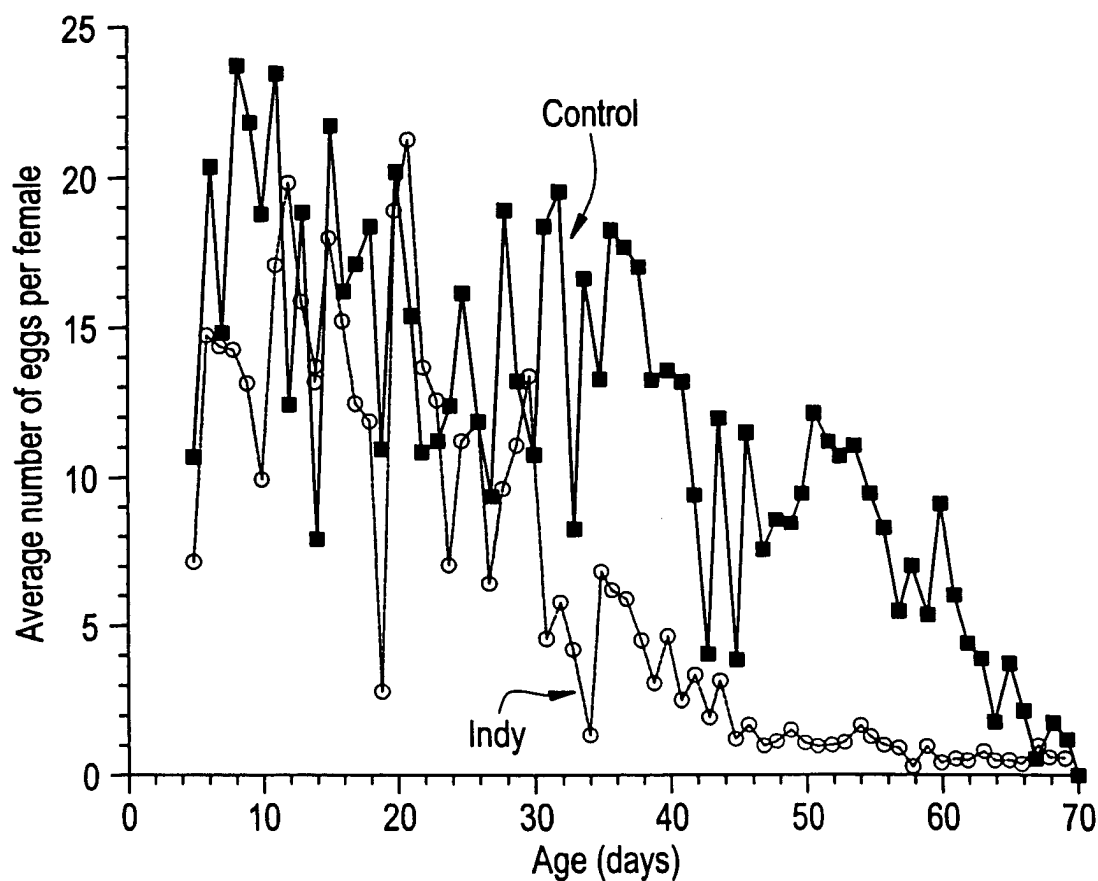
FIG. 19





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FIG. 20

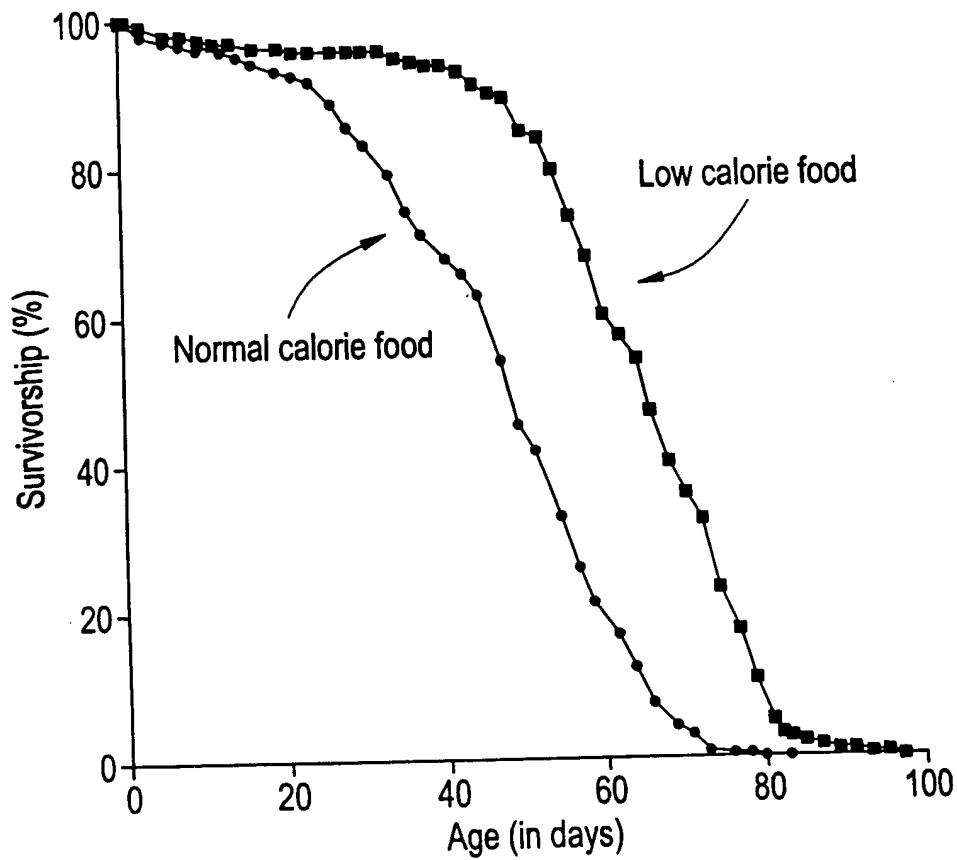




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FIG. 21





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FIG. 22

